COMPLETE CLAIM SET

1. (Previously Presented) A text generation method for generating a sentence, comprising:

an input step for inputting at least a word as a keyword through input means,

an extracting step for extracting at least one sentence or sentence fragment including at least the keyword from a database through extracting means, and

a text generation step for generating an optimum sentence based on the extracted at least one sentence or sentence fragment by text generation means,

wherein parser means morphologically analyzes and parses the extracted at least one sentence or sentence fragment to obtain a dependency structure of the at least one sentence or sentence fragment by determining the probability of dependency of the at least one sentence or sentence fragment by applying a statistical technique using a dependency model, thereby generating a sentence having a maximum probability as the optimum sentence.

2-3. (Cancelled)

4. (Previously Presented) The text generation method according to claim 1, wherein in the middle of or after the generation of the dependency structure in the text generation step, the text generation means generates the optimum sentence having a natural word order based on a word order model.

5. (Previously Presented) The text generation method according to claim 1, wherein the text generation step determines by word insertion means, using a learning model, whether there is a word to be inserted between any two keywords in all arrangements of the keywords, and performs a word insertion process starting with a word having the highest probability in the learning model, wherein the word insertion means performs the word insertion process by including, as a keyword, a word to be inserted, between the two keywords, and determining whether there is a word to be inserted between the other two keywords in all arrangements of the keywords, and by repeating the cycle of word inclusion and determination until a probability that there is no word to be inserted between any keywords becomes the highest.

6. (Previously Presented) The text generation method according to claim 1, wherein in an arrangement where the database contains a text having a characteristic text pattern, the text generation means generates a text in compliance with the characteristic text pattern.

7. (Previously Presented) A text generation apparatus for generating a sentence, comprising:

input means for inputting at least one word as a keyword,

extracting means for extracting at least one sentence or a sentence fragment including at least the keyword from a database, and

text generation means for generating an optimum sentence by using the extracted text,

wherein parser means morphologically analyzes and parses the extracted at least one sentence or sentence fragment to obtain a dependency structure of the at least one sentence or

sentence fragment by determining the probability of dependency of the at least one sentence or sentence fragment by applying a statistical technique using a dependency model, thereby generating a sentence having a maximum probability as the optimum sentence.

8-9. (Cancelled)

10. (Previously Presented) The text generation apparatus according to claim 7, wherein in the middle of or prior to the generation of the dependency structure, the text generation means generates the optimum sentence having a natural word order based on a word order model.

11. (Previously Presented) The text generation apparatus according to claim 7, wherein the text generation means comprises word insertion means that determines, using a learning model, whether there is a word to be inserted between any two keywords in all arrangements of the keywords, and performs a word insertion process starting with a word having the highest probability in the learning model, wherein the word insertion means performs the word insertion process by including, as a keyword, a word to be inserted, between the two keywords, and determining whether there is a word to be inserted between the other two keywords in all arrangements of the keywords, and by repeating the cycle of word inclusion and determination until a probability that there is no word to be inserted between any keywords becomes the highest.

12. (Previously Presented) The text generation apparatus according to claim 7, wherein in an arrangement where the database contains a text having a characteristic text pattern, the text generation means generates a text in compliance with the characteristic text pattern.

13. (Previously Presented) The text generation apparatus according to claim 12, further comprising pattern selecting means that contains one or a plurality of databases containing texts having a plurality of characteristic text patterns, and selects a desired text pattern from the plurality of text patterns.

14. (Previously Presented) The text generation method according to claim 4, wherein the text generation means generates the optimum sentence having the natural word order based on the word order model by applying the statistical technique.

15. (Previously Presented) The text generation apparatus according to claim 10, wherein the text generation means generates the optimum sentence having the natural word order based on the word order model by applying the statistical technique.